

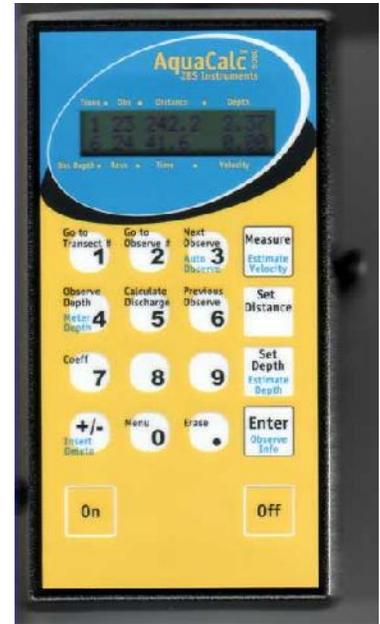
Features:

- Compatible with Price AA and Pygmy type current meters
- Accepts non-standard meter ratings
- Stores 9 complete cross sections, with 99 vertical measurements for each cross section
- LCD display
- 20 hour battery life with low battery warning. Battery can be changed without loss of data
- On-board memory backup

IT COUNTS THE CLICKS AND MORE.

Collecting stream data used to require juggling an armload of gadgets while counting clicks, writing notes, and performing calculations. Not anymore.

Now there's the AquaCalc 5000, a handheld computer that measures, records and calculates data with minimal user input. No more pencil, notepad and current meter table. No more calculator and stopwatch. No more "counting the clicks."



AquaCalc does it for you - -automatically. You input the depth and distance at each station. AquaCalc measures velocity and elapsed time. Then, AquaCalc calculates total stream discharge and mean velocity. After stream measurement is complete, you can upload the data to a laptop or personal computer. It's the fastest, easiest, most accurate stream measurement instrument available today.

FASTER, MORE ACCURATE STREAM MEASUREMENT.

AquaCalc improves the speed, accuracy and efficiency of your stream measurements. The user inputs the distance and depth. AquaCalc measures revolutions and elapsed time calculating velocity and discharge. When all the stations have been measured, simply press a button and AquaCalc gives you the total discharge and mean velocity. AquaCalc completely eliminates time-consuming hand calculations, saving an average of 20 minutes per cross section. You can save as much as two hours a day - enough time to measure another station.

AquaCalc saves even more time in error detection and re-calculation. With hand calculations, finding and correcting an error can take hours. But with AquaCalc, you can usually find and correct data entry errors in a few minutes.

ELIMINATES MATH AND TRANSCRIPTION ERRORS.

With AquaCalc and accepted measurement procedures, the chance of error is virtually zero. Math errors are eliminated. To help prevent procedural errors, AquaCalc prompts the user with a “flag” when an unusual entry occurs. AquaCalc uploads the data to your laptop or personal computer, so transcription errors are eliminated. The result: highly accurate data with less time wasted finding and correcting errors. Special features include:

- Add or delete an observation anywhere in the cross section
- Up to 5-point measurements in a vertical (Surface, 0.2, 0.6, 0.8, Bottom)
- Ability to perform ice measurements.
- Display of available memory
- Warning flags that identify the incorrect meter, sounding weight

SAVES TIME IN THE OFFICE.

AquaCalc lets you upload your data to a laptop in the field or your personal computer in the office, eliminating data entry time. And, because there are no math errors, quality control review becomes a much simpler and quicker task.

CONVENIENT IN BAD WEATHER.

You'll appreciate AquaCalc even more in bad weather. No more soggy note paper with hard-to-read notes! AquaCalc is easy to use in all weather conditions.

DURABLE CONSTRUCTION.

AquaCalc is manufactured from high-quality materials to withstand the occasional drops, vibrations, pollutants, temperature extremes and humidity variations that occur with normal, everyday use. Its weather-resistant design will stand up to prolonged exposure to sunlight, rain, sleet and snow.

ELECTRONIC OUTPUT.

AquaCalc output looks similar to the USGS Measurement Notes Back Sheet. DOS and Microsoft Windows™-based programs can convert the data into a format similar to the USGS Measurement Field Notes Front Sheet.

Optional accessories:

- Includes additional procedures requested by the United States Geological Survey that are intended to improve the accuracy of measurements in troublesome conditions. Some of the many improvements include:
 - Add or delete a station anywhere in the cross section
 - Up to 5-point measurements in a vertical (Surface, 0.2, 0.6, 0.8, Bottom)
 - Ability to perform ice measurements.
 - Display of available memory
 - Warning flags that identify the incorrect meter, sounding weight
- Rod mount: attaches the AquaCalc to a top-set rod to leave your other hand free
- Meter/audio cable: allows the user to monitor the meter signal with a headset